



PATENT
Docket No.: 22221/1050 (RU 339)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Yurieva et al.)	Examiner:
)	R.G. Hutson
Serial No.	: 09/642,218)	
)	Art Unit:
Cnfrm. No.	: 6461)	1652
)	
Filed	: August 18, 2000)	
)	
For	: ENZYME DERIVED FROM)	
	THERMOPHILIC ORGANISMS THAT)	
	FUNCTIONS AS A CHROMOSOMAL)	
	REPLICASE, AND PREPARATION AND)	
	USES THEREOF)	

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

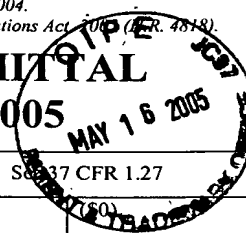
Dear Sir:

In response to the November 12, 2004, office action, please amend the above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 5 of this paper.

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2004 (P.L. 108-275)		Complete if Known	
FEE TRANSMITTAL FOR FY 2005 		Application Number	09/642,218
		Filing Date	August 18, 2000
		First Named Inventor	Yurieva et al.
		Examiner Name	R.G. Hutson
		Art Unit	1652
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	22221/1050 (RU 339)
TOTAL AMOUNT OF PAYMENT			

METHOD OF PAYMENT (check all that apply)

☒ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☐ Deposit Account
 Deposit Account Number: 14-1138
 Deposit Account Name: Nixon Peabody LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-20238.

FEE CALCULATION

1. BASIC FILING, SEARCH AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple document claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**

15 - 73 or HP = 0 x 0 = 0

Fee (\$) **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

1 - 9 or HP = 0 x 0 = 0

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

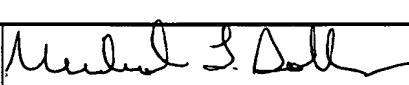
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u> </u> - 100 =	<u> </u> / 50 =	<u> </u> (round up to a whole number)	x <u> </u>	= <u> </u>

4. OTHER FEE(S) **Fees Paid (\$)**

Non-English Specification, \$130 fee (no small entity discount)

Other:

SUBMITTED BY

Signature		Registration No. 30,727 (Attorney/Agent)	Telephone (585) 263-1304
Name (Print/Type)	Michael L. Goldman		Date <u>May 11, 2005</u>

CERTIFICATE OF MAILING OR TRANSMISSION [35 CFR 1.8(a)]

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO at _____, on 5/12/05.

Signature: Laura L. Trost

Name: Laura L. Trost

SEND TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450